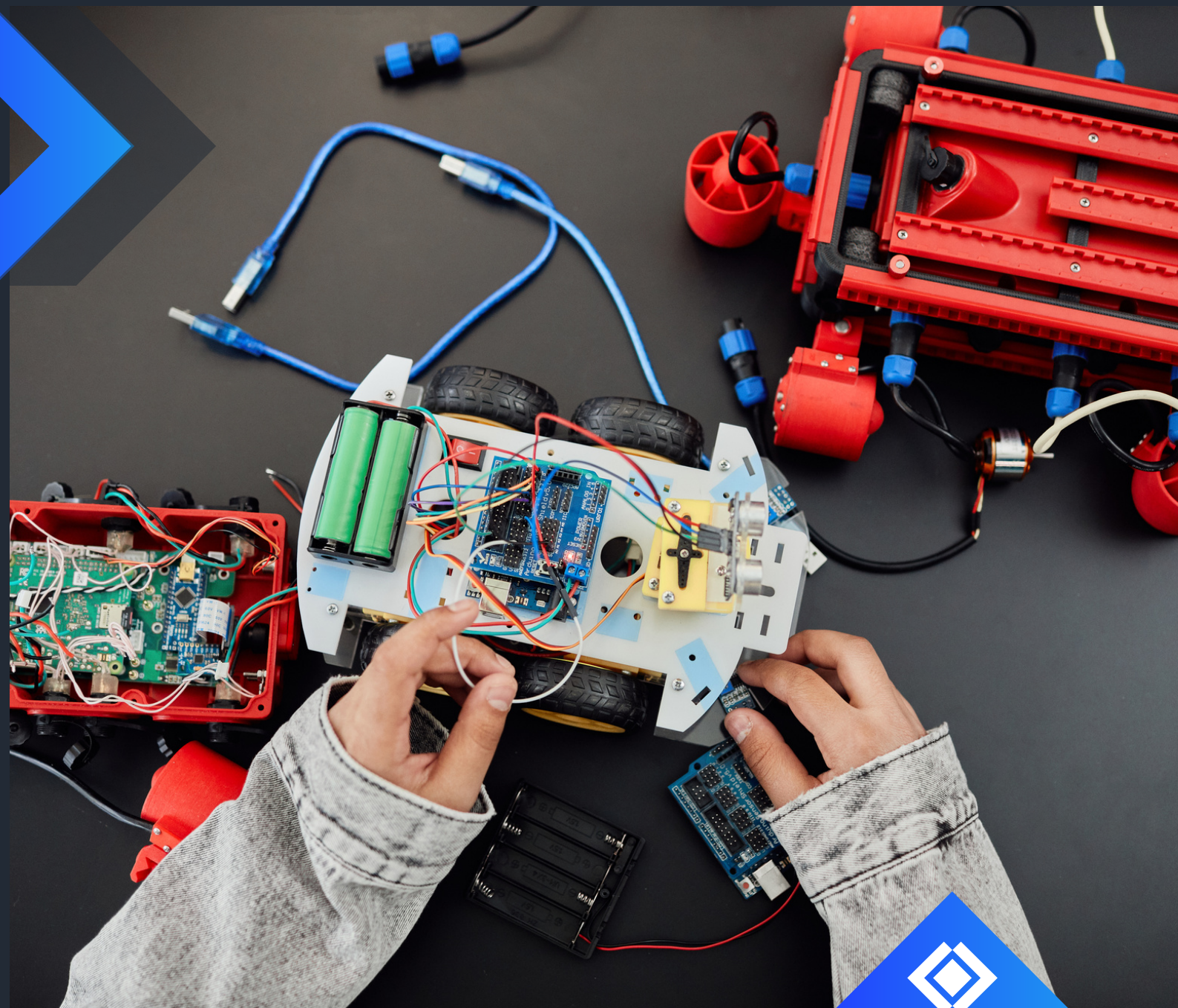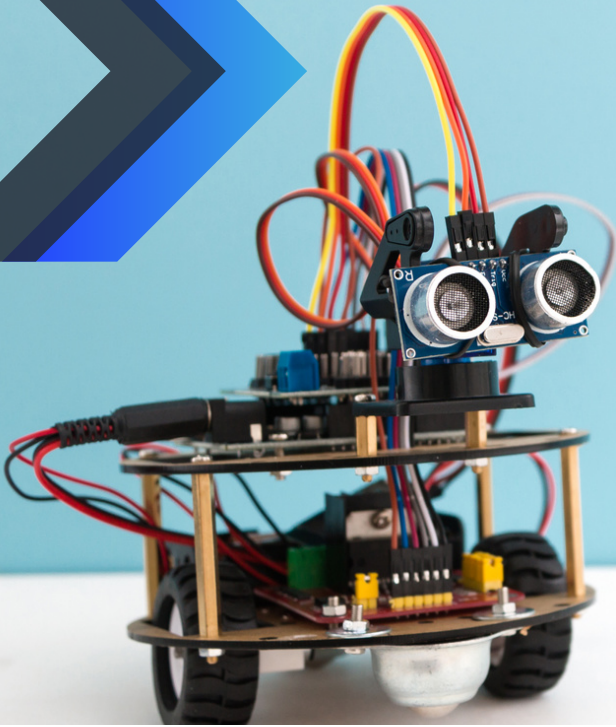# CERTIFIED ROBOTICS & EMBEDDED SYSTEM PROFFESIONAL

CRESP

IEMLABS

COURSE
BROCHURE

INTRODUCTION TO THE COURSE

Reverse Engineering refers to the process in which software is decoded to learn about its detalls, architecture, vulnerabilities, or to extract knowledge from the software.

Reverse Engineering helps in vulnerability assessment in software and analyses the same for virus attacks. These virus at tacks are common in the form of malware. Reverse Engineering helps us to analyze the depth of the problem and provides solutions based on that analysis. It is used for various purposes; to make software interoperate with higher efficiency or to join data between various OSS, and to disclose unrecorded attributes of commercial goods.

In-depth knowledge on the analysis of malware and its structure will help the student apply for suitable job posts related to this field. The Certified Reverse Engineer and Malware Analyst | CREMA course by IEMLabs has become quite acclaimed not only in America but also in other locations in the world as well.

FOCUS AREAS

- ACTUATION
- MANIPULATION

- MOTORS
- POWER SUPPLY

The student will be trained by field professionals who are currently working in this area and have been working in this sector for more than 10 years. What offers this course much value addition is that IEM Labs ceaselessly provides hands-on exposure to all its students. The trainers train the students according to internationally acclaimed processes. IEM Labs constantly focuses on projects and practical-based classes to make the students more erudite and improve their career prospects.

IEMLabs focuses on providing the best possible training to the students via both online and offline training sessions. It uses platforms like Google Hangout Meet, Go to Meeting, and Zoom for doing so. The most helpful aspect for a student in getting educated by IEMLabs is that they have complimentary access to the lab facility. In this way, all the students from the date of admission can utilize the online virtual lab set up by IEMLabs for honing their skills and collecting useful study materials, suggestions, tools, and pre-recorded videos to make things smoother for them.

MARKET JOB OPENINGS

Given below are the Certified Reverse Engineer and Malware Analyst jobs that are available aplenty for both students and working professionals.

Mobile Device Developer and Reverse Engineer
Click Here to View Jobs

Malware Research Analyst
Click Here to View Jobs

Cyber/IT /Security Specialist
Click Here to View Jobs

Manager-Malware Analyst
Click Here to View Jobs

ABOUT THE COURSE

- **Course Type:** Basic

- **Eligibility Criteria:**

  → No basic knowledge is required.

  → Minimum System Configuration Required: -

  o Intel i5 Processor

  o 8GB RAM

  o 1TB Hard Disk

- **Batch Size:** 5 students maximum
- **Course Duration:** 40 hours

	ONLINE	OFFLINE
COURSE FEE:	13000 INR	13000 INR
TRAINING LOCATION:	ANY	KOLKATA

COURSE CONTENT

MODULE 01	Atmel AVR Microcontroller Basics
MODULE 02	Programming AVR in C Language
MODULE 03	Programming AVR in Python Language
MODULE 04	Concept of Machine Learning
MODULE 05	Wireless Communication
MODULE 06	Motors Interfacing &Amp; Control
MODULE 07	Robot Making
	Line Follower Robot
	Self-Balancing Robot
	Obstacle Avoidance Robot
	Maze Solving Robot
	Mobile Controlled Robot
	Motion Gesture Recognition Robot
	Voice Recognition System (VRS) Robot
	Edge Detection Robot
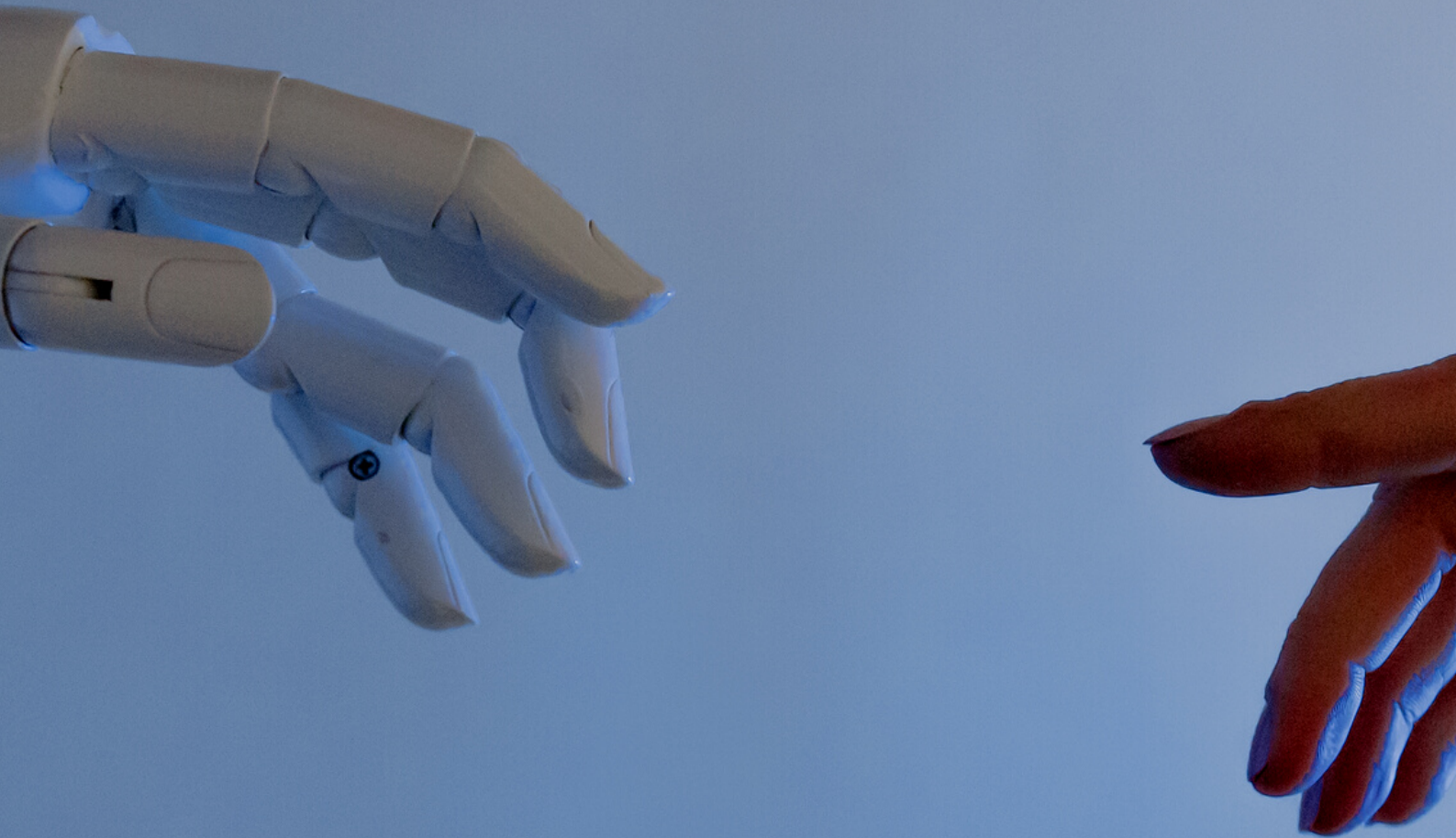
IEMLABS

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